

accenture

INDUSTRY X

# Investing in the New Smart Connected Factory

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# WHAT IS INDUSTRY X

Reinvent things, to be smart and connected

Make things, to be profitable

Integrate things, for intelligence

Listen to things, for feedback

Design things, faster

Produce things, safer

Operate things, better

Source things, sustainably

Move things, on demand

Deliver things, with relevance

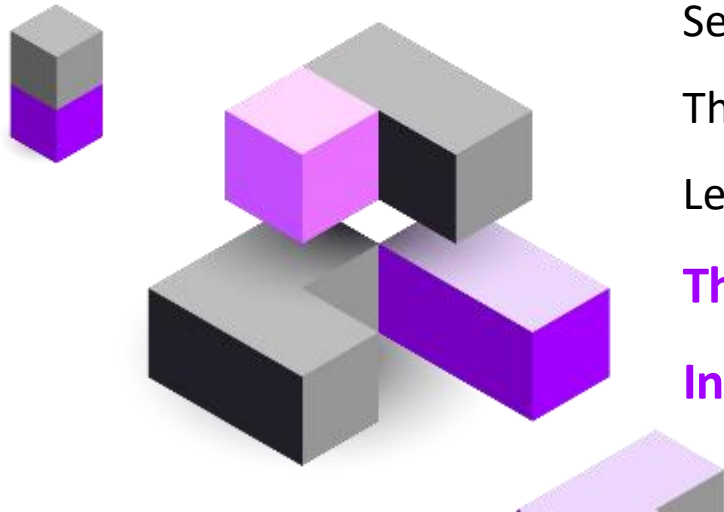
Service things, remotely

The world is a changing industry

Let's change the way industry works

**The future of making things, and the things we make**

**Industry X**



# OUR RESEARCH SHOWS

## STEADILY RISING IN IMPORTANCE TO EXECUTIVES IN INDUSTRY

OUR SURVEY OF NEARLY 1,000 C-SUITE EXECUTIVES IN INDUSTRY SHED LIGHT ON THEIR AMBITIONS...



**99%**

...cited 'leveraging digital to transform core businesses while growing new ones' as a top goal.



**92%**

...want to deliver new experiences with smart, connected products.

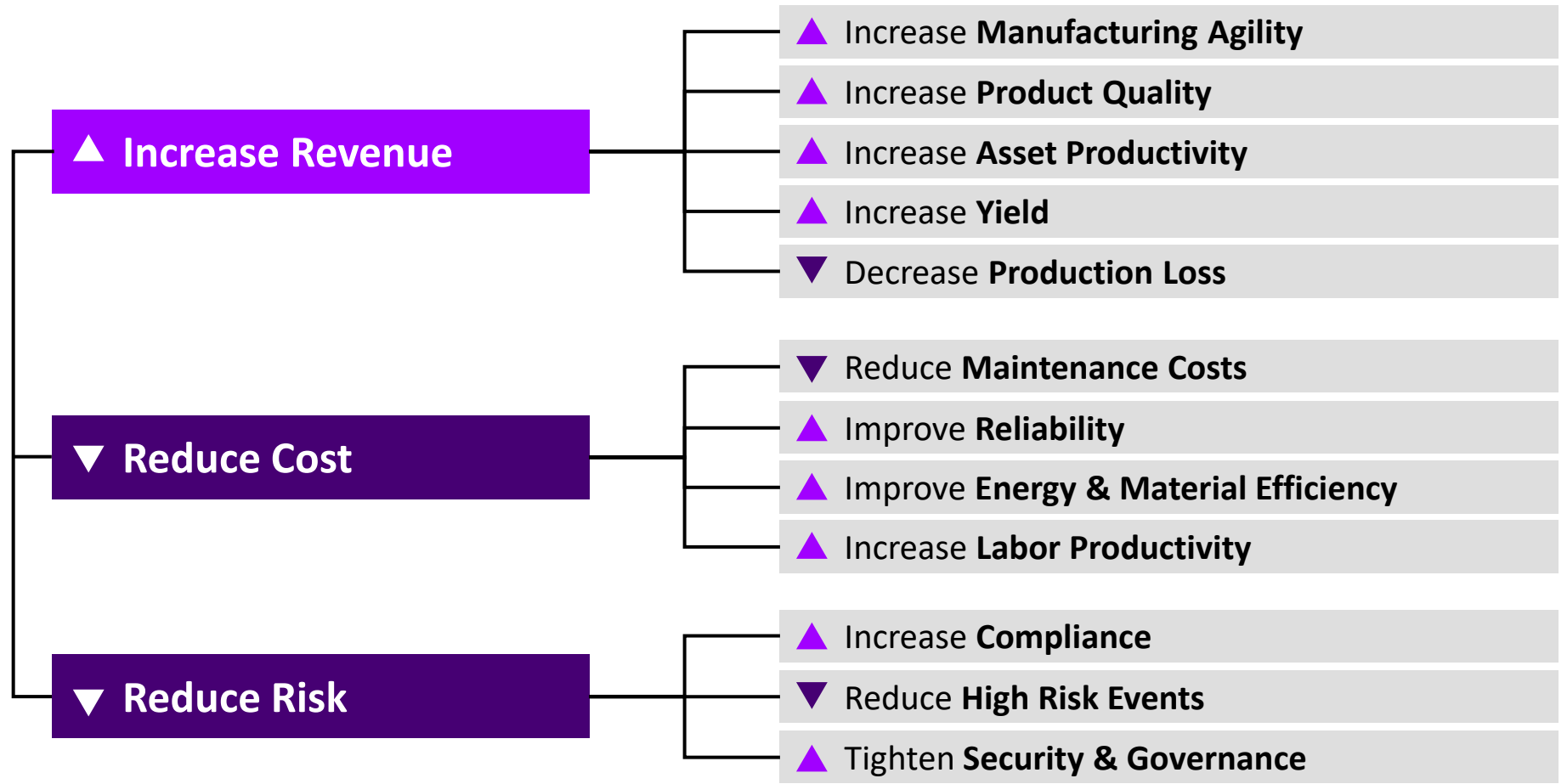


**64%**

...agree that failure to leverage the components of digital value will cause them to struggle for survival.

# THE WHY

How do a **Smart Connected Factory** generates value?



Key value levers:

**5-10%**

Improvement in production volume/  
throughput on existing assets

**5-15%**

Asset reliability  
improvements

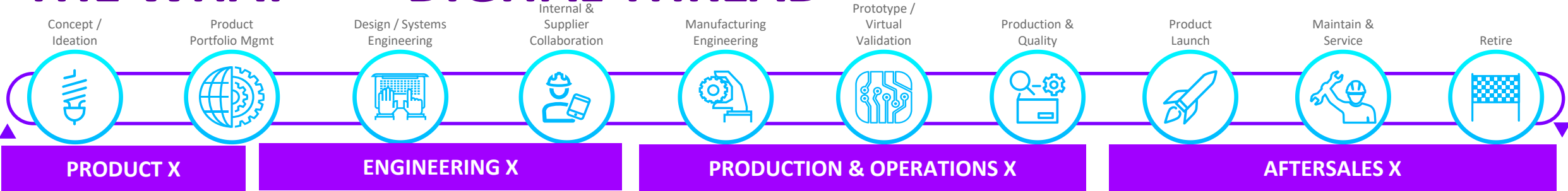
**3-5%**

Yield and quality  
improvement

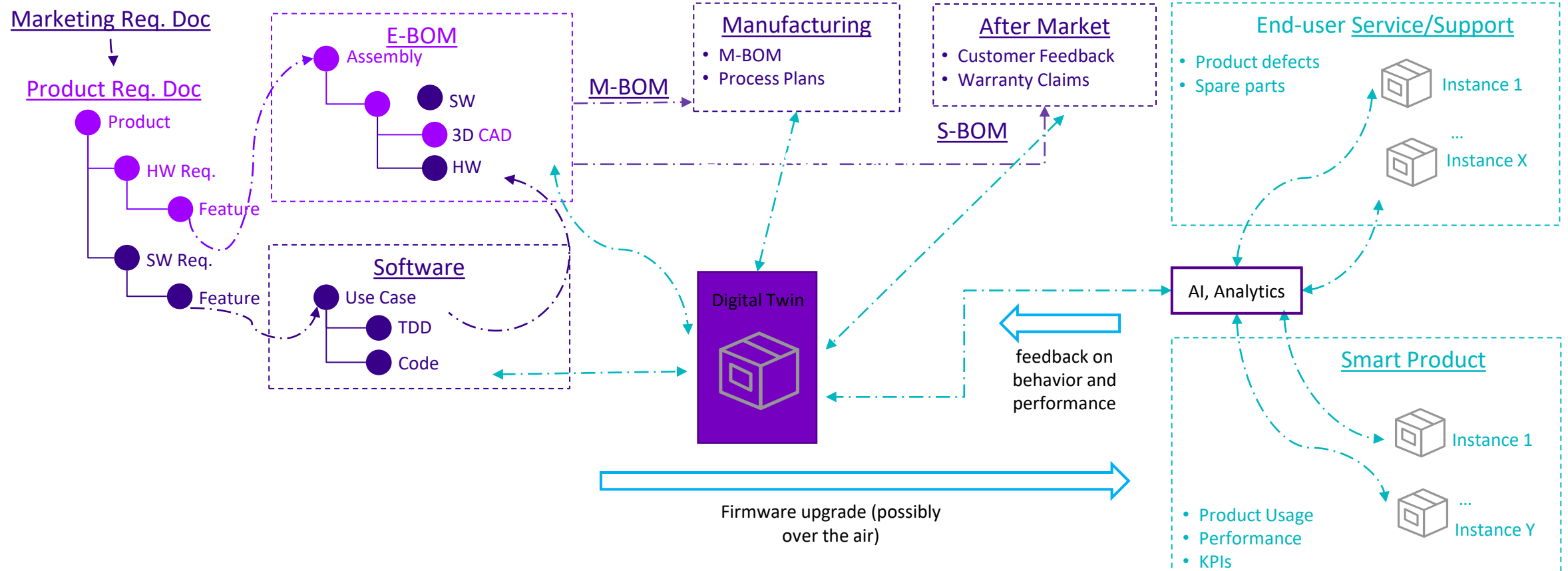
**10-20%**

Reduced  
operational costs

# THE WHAT - DIGITAL THREAD



## SECURITY & OPERATIONAL RESILIENCIES



# ARCTIC'S LIGHTHOUSE FACTORY BEACON FOR THE INDUSTRY

As Arctic S.A.'s appliances get smarter, the white goods company wanted to make its factories more intelligent, too.

So Arctic collaborated with Accenture on the SAP Manufacturing Execution System at the new washing machine plant in Romania.

## Results of the collaboration:

- 80% of supply chain processes automated
- over 250 shop floor machines integrated with the new system
- 14 IT system integrated with the new system
- reduced non-quality expenses
- automate low-value tasks
- lowered operational costs by 11%



# WHAT IF YOUR MACHINERY COULD SPEAK?

ABB – SMART SENSOR



**Worked together with ABB to transform their product into a “smart connected product”**

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We developed a mobile app, portal, sensor and powertrain platform as well as dashboard. This allows service personnel to commission sensors and monitor motors on the shop floor. Helps customers manage plants, teams, assets and organizations through collection of asset data as well as monitor their shop floor and group assets using different sensors. Lastly, it integrates three types of sensors with ABB’s systems to allow for scaling.

## **THE OUTCOME**

Improved time to market for the smart sensor, **differentiated products**, **new revenue streams**, increased end customer value, joint go to market strategy and continuous development and enhancements.

# ...Start or Continue Investing towards the New Smart Connected Factory

